

**ABSTRACT OF THE DISCLOSURE**

An image forming apparatus having: a print head provided with plural recording elements arranged in an array, each of the recording elements being operated based on respective correction coefficient of light amount; and an image reading apparatus for reading an image; wherein, an image for correction is recorded onto the photosensitive material by the print head, read information  $D(i)$  of the image for correction is acquired (where, "i" is a number indicating an order of each recording element) by the image reading apparatus, a correction amount  $C(i)$  for a recording characteristic of each recording element is acquired based on the read information  $D(i)$ , and an image is recorded by using the correction amount  $C(i)$ ; wherein, the correction amount  $C(i)$  is acquired by using the read information  $D(i)$  and read information  $D(k)$  (where, "k" is a different number from "i").